



Northeast Indiana

2020 SOIL TEST DATA SUMMARY

Soil Test	Statistics		Percent Samples by Soil Test Rating				
	Average	Std. Dev.	Very Low	Low	Medium	High	Very High
Organic Matter,%	3.3	4.7	<small><1.0</small> 1.5	<small>1.0-2.5</small> 42.6	<small>2.5-5.0</small> 51.0	<small>5.0-7.0</small> 2.2	<small>7.0+</small> 2.8
Phosphorus (P1), ppm	42	48	<small><10</small> 7.8	<small>10-20</small> 21.5	<small>20-30</small> 20.4	<small>30-50</small> 25.3	<small>50+</small> 25.0
Phosphorus (P2), ppm	76	99	<small><14</small> 5.5	<small>14-29</small> 17.1	<small>29-44</small> 18.5	<small>44-74</small> 28.4	<small>74+</small> 30.5
Bicarbonate P, ppm	20	16	<small><5</small> 50.0	<small>5-15</small>	<small>15-25</small>	<small>25-45</small> 50.0	<small>45+</small>
Potassium (K), ppm	139	62					
K, % Base Saturation	3.8	2.0	<small><0.93</small> 2.5	<small>0.93-1.84</small> 5.8	<small>1.85-3.67</small> 58.0	<small>3.68-5.51</small> 28.7	<small>>5.51</small> 7.3
Magnesium (Mg), ppm	270	137					
Mg, % Base Saturation	21.0	6.4	<small><5</small> 0.3	<small>5-10</small> 2.5	<small>10-15</small> 14.3	<small>15-25</small> 57.5	<small>25+</small> 25.4
Calcium (Ca), ppm	1376	767					
Ca, % Base Saturation	62.6	10.3	<small><45</small> 4.8	<small>45-55</small> 17.3	<small>55-75</small> 67.3	<small>75-85</small> 9.2	<small>85+</small> 1.4
pH (1:1)	6.5	0.6	<small><5.1</small> 0.7	<small>5.1-5.8</small> 12.1	<small>5.9-6.9</small> 61.8	<small>7.0-7.5</small> 20.0	<small>>7.5</small> 5.4
CEC, meq/100g	10.8	4.9	<small><3.1</small> 0.9	<small>3.1-8.0</small> 27.7	<small>8.1-15.0</small> 56.3	<small>15.1-25.0</small> 13.8	<small>>25.0</small> 1.3
Sulfur (S), ppm	8	17.0	<small><4</small> 4.4	<small>4-7</small> 55.1	<small>8-12</small> 32.6	<small>13-17</small> 4.2	<small>>17</small> 3.7
Zinc (Zn), ppm	3.7	4.6	<small><1.0</small>	<small>1.1-2.9</small> 55.8	<small>3.0-4.9</small> 29.4	<small>5.0-10.0</small> 11.5	<small>>10.0</small> 3.2
Manganese (Mn), ppm	37	14	<small><6</small> 1.1	<small>6-14</small> 7.5	<small>15-19</small> 14.9	<small>20-49</small> 59.6	<small>>49</small> 17.0
Iron (Fe), ppm	44	25		<small><5</small> 0.1	<small>5-9</small> 0.6	<small>10-50</small> 69.7	<small>>50</small> 29.6
Copper (Cu), ppm	1.8	1.4		<small><0.4</small> 0.3	<small>0.4-1.1</small> 29.8	<small>1.2-3.0</small> 58.5	<small>>3.0</small> 11.3
Boron (B), ppm	0.5	0.3	<small><0.4</small> 42.5	<small>0.4-0.5</small> 28.6	<small>0.6-1.2</small> 26.1	<small>1.3-2.5</small> 2.8	<small>>2.5</small> 0.1
Nitrate (NO ₃ -N), ppm	92.1	74.8	<small><5</small> 2.7	<small>5-9</small> 5.2	<small>10-19</small> 9.7	<small>20-39</small> 19.6	<small>>39</small> 62.7
Ammonium (NH ₄ -N), ppm	32.6	63.4	<small><5</small> 5.6	<small>5-9</small> 45.7	<small>10-19</small> 5.2	<small>20-39</small> 4.1	<small>>39</small> 39.4